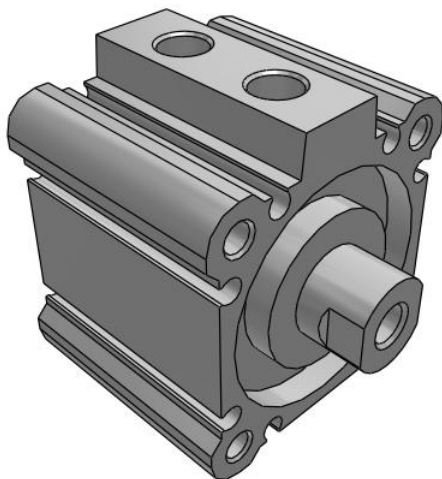
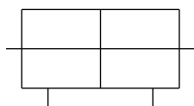




C(D)Q2W, Compact Cylinder, Double Acting Double Rod w/Auto Switch Mounting Groove CQ2WA40TF-5DZ

Datasheet

- Double acting, double rod, compact cylinder
- Bore sizes (mm): 12, 16, 20, 25, 32, 40, 50, 63, 80, 100
- Standard stroke range (mm): 5 to 100
- Port threads: M (12 to 25 bore); Rc, NPT or G (32 to 100 bore)
- Can mount small auto switches on 4 surfaces.

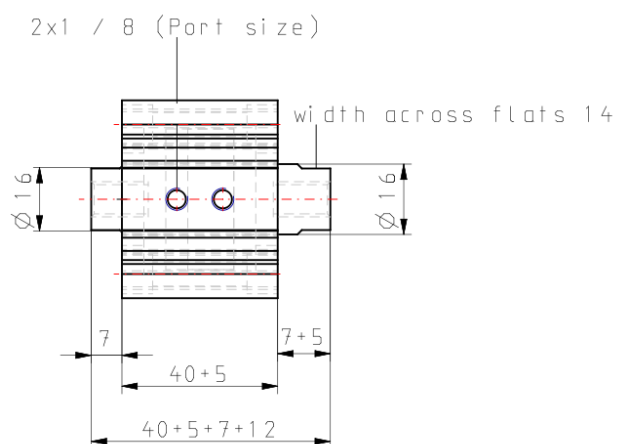
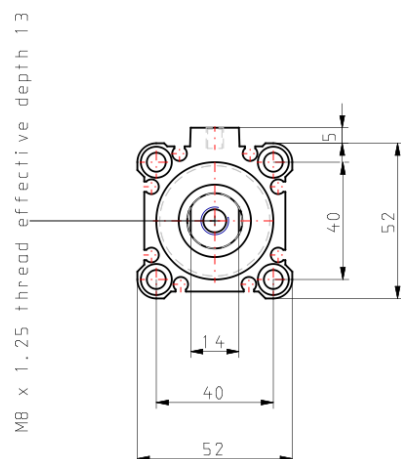


Standard specifications

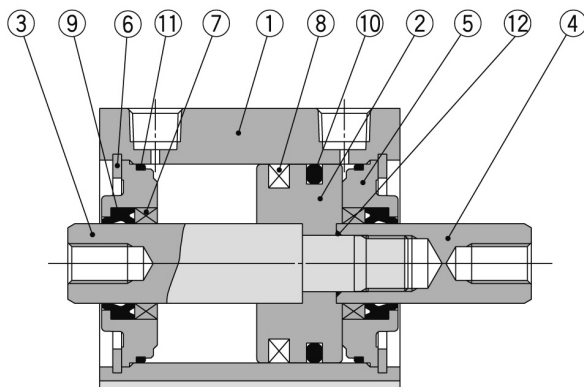
Magnet	None
Mounting	A (Both Ends Tapped)
Type	Standard
Bore Size	Ø40 mm
Port Thread Type	TF
Stroke	5
Body Option	Standard (Rod End Female Thread)
Auto Switch Groove	None, also for 12-25 Bore w/o Magnet
Auto Switch	No Switch
Lead Wire or Prewired Connector	Z (5 m)
Number	2 pcs. or None in the Case of No Switch
Rod End Options	None
Temperature Resistance	None
Low Speed	None
Made of Stainless Steel	None
Fluororubber Seal	None
Pressure medium	Compressed air
Maximum temperature of pressure medium	70 °C
Minimum temperature of pressure medium	-10 °C

Maximum operating pressure	1.0 MPa
Minimum operating pressure	0,05 Mpa
Proof pressure	1.5 MPa
Maximum ambient temperature	70 °C
Minimum ambient temperature	5°C
Conform to the European RoHS Directive	Not conform
Number of pneumatic connections	2 pcs.
Pneumatic input connection	G 1/8
Mode of operation of drive	Double acting
Theoretical cylinder force, advance stroke (at 0.5 MPa)	528 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	528 N
Maximum piston speed	500 mm/s
Male thread of rod end	M14 x 1.5
Female thread of rod end	M8 x 1.25
Minimum piston speed	50 mm/s
Weight	0.272 Kg

Dimensions



Constructions



Replacement Parts/Seal Kit (Pneumatic type)

Bore size (mm)	Kit no.	Contents
12	CQ2WB12-PS	Kits include items ⑨, ⑩, ⑪ from the table.
16	CQ2WB16-PS	
20	CQ2WB20-PS	
25	CQ2WB25-PS	
32	CQ2WB32-PS	
40	CQ2WB40-PS	
50	CQ2WB50-PS	
63	CQ2WB63-PS	
80	CQ2WB80-PS	
100	CQ2WB100-PS	

* Seal kit includes ⑨, ⑩, ⑪. Order the seal kit, based on each bore size.
 * Since the seal kit does not include a grease pack, order it separately.
Grease pack part no.: GR-S-010 (10 g)

Component Parts

No.	Description	Material	Note
1	Cylinder tube	Aluminum alloy	Hard anodised
2	Piston	Aluminum alloy	Chromated
3	Piston rod A	Stainless steel Carbon steel	ø12 to ø25 ø32 to ø100, Hard chrome plated
4	Piston rod B	Stainless steel Carbon steel	ø12 to ø25 ø32 to ø100, Hard chrome plated
5	Collar	Aluminum alloy Aluminum alloy casted	ø12 to ø40, Anodised ø50 to ø100, Chromated, Painted
6	Retaining ring	Carbon tool steel	Phosphate coated
7	Bushing	Bearing alloy	For ø50 or more only
8	Magnet	—	—
9*	Rod seal	NBR	
10*	Piston seal	NBR	
11*	Tube gasket	NBR	
12	Piston gasket	NBR	

Replacement Parts/Seal Kit (Air-hydro type)

Bore size (mm)	Kit no.	Contents
20	CQ2WBH20-PS	Kits include items ⑨, ⑩, ⑪ from the table.
25	CQ2WBH25-PS	
32	CQ2WBH32-PS	
40	CQ2WBH40-PS	
50	CQ2WBH50-PS	
63	CQ2WBH63-PS	
80	CQ2WBH80-PS	
100	CQ2WBH100-PS	

* Seal kit includes ⑨, ⑩, ⑪. Order the seal kit, based on each bore size.
 * Since the seal kit does not include a grease pack, order it separately.
Grease pack part no.: GR-S-010 (10 g)

Additional information

Catalogue

[CQ2-Z-B_EU.pdf](#)